

Abstract of the Disclosure

A preparation of microparticles made up of a polymeric matrix, a nucleic acid expression vector, and a lipid. The polymeric matrix includes one or more synthetic polymers having a solubility in water of less than about 1 mg/l. At least 90% of the microparticles have a diameter less than about 100 microns. The nucleic acid is either RNA, at least 50% of which is in the form of closed circles, or circular DNA plasmid molecules, at least 50% of which are supercoiled.

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Genotype	Age (yr)	Sex	Height (cm)	Weight (kg)	BMI (kg/m ²)	Waist (cm)	Hip (cm)	Waist:hip	Waist:height	Waist:height ²	Waist:height ³
Control	20	M	175	75	24.2	85	100	0.85	0.049	0.003	0.000
Control	20	F	165	60	22.0	75	90	0.83	0.045	0.002	0.000
Control	20	M	170	70	23.5	80	95	0.84	0.047	0.002	0.000
Control	20	F	160	55	20.8	70	85	0.82	0.043	0.002	0.000
Control	20	M	172	72	24.4	82	98	0.84	0.048	0.002	0.000
Control	20	F	162	58	21.2	72	88	0.83	0.044	0.002	0.000
Control	20	M	174	74	24.6	84	100	0.85	0.049	0.002	0.000
Control	20	F	164	60	22.2	76	90	0.84	0.046	0.002	0.000
Control	20	M	176	76	24.8	86	102	0.86	0.050	0.002	0.000
Control	20	F	166	62	22.4	78	92	0.85	0.047	0.002	0.000
Control	20	M	178	78	25.0	88	104	0.87	0.051	0.002	0.000
Control	20	F	168	64	22.6	80	94	0.86	0.048	0.002	0.000
Control	20	M	180	80	25.5	90	106	0.88	0.052	0.002	0.000
Control	20	F	170	70	23.5	90	100	0.90	0.050	0.002	0.000
Control	20	M	182	82	25.7	92	108	0.90	0.051	0.002	0.000
Control	20	F	172	72	24.4	92	102	0.91	0.050	0.002	0.000
Control	20	M	184	84	25.9	94	110	0.92	0.051	0.002	0.000
Control	20	F	174	74	24.6	94	104	0.92	0.050	0.002	0.000
Control	20	M	186	86	26.1	96	112	0.93	0.051	0.002	0.000
Control	20	F	176	76	24.8	96	106	0.93	0.050	0.002	0.000
Control	20	M	188	88	26.3	98	114	0.94	0.051	0.002	0.000
Control	20	F	178	78	24.6	98	108	0.94	0.050	0.002	0.000
Control	20	M	190	90	26.5	100	116	0.95	0.051	0.002	0.000
Control	20	F	180	80	24.4	100	110	0.95	0.050	0.002	0.000
Control	20	M	192	92	26.7	102	118	0.96	0.051	0.002	0.000
Control	20	F	182	82	24.6	102	112	0.96	0.050	0.002	0.000
Control	20	M	194	94	26.9	104	120	0.97	0.051	0.002	0.000
Control	20	F	184	84	24.8	104	114	0.97	0.050	0.002	0.000
Control	20	M	196	96	27.1	106	122	0.98	0.051	0.002	0.000
Control	20	F	186	86	25.0	106	116	0.98	0.050	0.002	0.000
Control	20	M	198	98	27.3	108	124	0.99	0.051	0.002	0.000
Control	20	F	188	88	25.2	108	118	0.99	0.050	0.002	0.000
Control	20	M	200	100	27.5	110	126	1.00	0.051	0.002	0.000
Control	20	F	190	90	25.4	110	120	1.00	0.050	0.002	0.000
Control	20	M	20								